

**Space Launch System (SLS)  
Advanced Booster Engineering Demonstration and/or Risk Reduction (ABEDRR)  
NASA Research Announcement (NRA)  
Questions and Answers (Q&As)  
March 14, 2012**

Note: Some questions have been edited for clarity.

**Question 37:** In regards to the Representations and Certifications mentioned on page 18 of the NRA under Section 4.2.5.7.2, the paragraph says that “The Offeror is required to submit a completed and signed Representation and Certifications document...” The paragraph goes on to say “The Representations and Certifications as completed by the successful Offeror will be incorporated in its entirety by reference...” Do you want us to attach/submit the completed Reps and Certs to the proposal? If so, where? Section 4.2.5.7.2 does not fall under any specific Volume (the completed package is 39 pages). Or do you just want us to refer to the completed Reps and Certs on ORCA without attaching them? The paragraph is not clear if we are to specifically do one or the other or both.

**Answer 37:** The Representations and Certifications should be included in Volume 4 – Model Contract. The NRA Section 4.2.5.4 will be modified to clarify this requirement.

**Question 38:** NRA Sections 4.2.5.3.1- Introduction and 4.2.5.3.3 – Specific Price Detail, states the proposal to provide the information requested and in accordance with Appendix E -1.

*4.2.5.3 Volume 3 – Price*

*4.2.5.3.1 Introduction. The Offeror shall submit Volume 3 – Price as described herein. The Offeror shall provide the information requested in Appendix E-1 and E-2.*

And

*4.2.5.3.3 Specific Price Detail.*

*This section shall contain a summary of labor hours and other information supporting the proposed price. The following types of information are specifically required in this summary:*

- ☐ *Proposed price and profit expenditures in accordance with Appendices E-1 and E-2 (Element of Price Detail) in total and for each risk area in thousands of dollars, by Government fiscal year (October through September) over the contract period of performance.*

Given that Appendix B formats and print outs cannot be changed, do we have to use the Appendix E as is or just follow the format? If we are to use Appendix E as is, a problem exists in that the worksheet formatting is locked and will not show a value over \$9,999,000. The solicitation and the spreadsheet states to record the price proposal by thousands and yet the

worksheets shows three decimals places. Can NASA provide clarification and direction weather to use Appendix E as is and should the dollars be recorded to the nearest thousand with decimal places?

**Answer 38:** Appendix E -1 and E-2 numerical formatting will be updated to the whole dollars (with no decimal point) and 10 point font. NRA Section 4.2.5.3.3, Specific Price Detail, will be modified to reflect Appendices E-1 and E-2 in whole dollars by Government fiscal year.

**Question 39:** Reference Model Contract, Clause B.3 “Consideration and Payment.” One of the required payment milestone events is titled “Completion of Final Briefing.” What are the requirements for this Final Briefing?

**Answer 39:** The final briefing will summarize the results and outcomes of the SLS ABEDRR effort as detailed in the Final Management and Technical Report (DRD MA-002). Attachment J-10 “Meeting and Review Requirements; Assessments of Contractor Performance” will be modified to reflect this change.

**Question 40:** Reference Appendix E-1 “Element of Price Detail – Offeror” and Appendix E-2 “Element of Price Detail – Major Subcontractor.” E-1 and E-2 are Microsoft Excel files with locked columns which will only accommodate numbers to be viewed up to \$9,999,000. If any higher number is added, the cell only shows #####. Can NASA provide an unlocked version of this spreadsheet or expand columns to allot for larger numbers?

**Answer 40:** No. See Answer 38.

**Question 41:** The SF33 provided as part of the final NRA is a “.ifm” file which appears to be a Brighterion iPrevent Fraud file. The draft NRA contained the SF33 as a .pdf file. Would NASA consider reissuing the final SF33 as a .pdf file, or else can NASA provide instructions as to how the Offeror might open the .ifm file?

**Answer 41:** An SF33 in a .pdf format will be provided with the next amendment.

**Question 42:** Reference NRA Appendix B.

Part 1: Startup Propellant for the core stage was changed to a lower value in the recent update to Appendix B. The Usable Propellant value remained unchanged and does not sum up correctly based on the propellant masses in the table. Should the Offeror assume that Usable Propellant should be reduced appropriately for the change to Startup Propellant?

Part 2: When Appendix B tables are incorporated into the printed Word document, multiple pages have a significant amount of empty space between the bottom of the table and the bottom of the page. This collectively represents 2-3 pages of unused space. Is the Offeror allowed to print the Appendix B Excel tables contiguously within Word, with the tables flowing from one to the next on a given page, without these large gaps?

**Answer 42:**

Part 1: Yes. The Usable Propellant will be corrected to agree with the reduction to Startup Propellant. This change will be provided with the next amendment.

Part 2: No.

**Question 43:** Model Contract Clause H.15 identifies the small business subcontracting goals, but also identifies FAR 52.219-9 Alt II. Is it NASA's intent to replace the requirements of FAR 52.219-9 to base goals on the subcontracts placed, with the goals in the H.15 table?

**Answer 43:** FAR 52.219-9 identifies the requirements for a Small Business Plan. NASA does not intend to replace the requirements of FAR 52.219-9. The small business categories and goals identified in Clause H.15 will be used for proposal purposes and contract performance. NASA recognizes the HBCU/MI category is not identified in FAR 52.219-9; however, the category and associated goal will remain part of Clause H.15. Clause H.15 will be modified to clarify requirements with the next amendment.

**Question 44:** Reference Section 4.2.5.2.1.2.1, second paragraph. Does an "equivalent agreement" in this paragraph allow for non-reimbursable Space Act Agreements?

**Answer 44:** No. NRA Section 4.2.5.2.1.2.1 will be modified to clarify this in the next amendment.